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New Search

PRR-7033 : shale : Mt McKellar : Queen Alexandra Range : Transantarctic Mountains : Horner, Dr Timothy : Rock Sample

PRR-7033



IGSN.PRR007033

Add to Sample Bag

Multimedia



Collector [Horner, Dr Timothy](#)

Source [Horner, Dr Timothy](#)

Primary Field # TGA96.7

Kind of Object Rock Sample

Rock Type Sedimentary

Rock Name shale

Analyses
kerogen type
carbon/sulfur
vitrinite reflectance
organic carbon

Sample Description shale, gray, dark gray, silty, trace ripples?, weathers fine laminated; 3 pieces + fragments

General Notes Lindsay's section A. Measured stratigraphic section of Pagoda and Mackellar Fms.

Continent Antarctica

Region Transantarctic Mountains

Mountain Range / Island Group Queen Alexandra Range

Mountain Name / Island Name Mt McKellar

Latitude (DMS) 83 54 S

Latitude (Decimal) -83.9

Longitude (DMS) 166 34 E

Longitude (Decimal) 166.6

LtyDeterminationMethod Geographic Name

Weight (gr) 1709

Susceptibility x10⁻⁵ SI units 4

Geologic Age	Era	Period	Epoch	Stage Age	Isotopic Age	Dating Method	Mineral
	Paleozoic	Permian	Lower				

Stratigraphy	Group/Complex	Formation	Member	Section Name	Unit Thickness	Sample Height	Distance From Intrusion
	Beacon Supergroup	Pagoda Formation				96.7 m	132.2 m below 50m sill

Date Collected 25/11/1905

Field Year Collected 1985

Primary Field Logistics C130 Hercules Aircraft

Bibliography Horner, Timothy C., PhD dissertation, 1992, Ohio State University

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Plate 2. Detailed metadata for each sample are provided online. Users may request samples directly from the website.